

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sang-Hoon Lee, *et al.*
Filing Date: Herewith
Title: METHOD OF TRENCH ISOLATION AND METHOD FOR
MANUFACTURING A NON-VOLATILE MEMORY DEVICE USING THE
SAME

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

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2/23/04

Date


Christopher Hren

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 C.F.R. 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 C.F.R. 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 C.F.R. 1.97(c) together with either:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 C.F.R. 1.17(p), or
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☐ under 37 C.F.R. 1.97(d) together with:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, and
- ☐ the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Sang-Hoon Lee, *et al.*

Statement Under 37 C.F.R. 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 C.F.R. 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for reference ____ is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ abstract.

It is requested the information disclosed herein be made of record in this application.


Applicant(s): Sang-Hoon Lee, *et al.*

Method of payment:

- ☐ Enclosed is a check in the amount of _____.
- ☐ Please charge Deposit Account of 50-1798 in the amount of _____.
- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

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Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <div style="text-align: center; font-weight: bold;">SAM-0569</div>		Application Number <div style="text-align: center;">Not yet assigned</div>	
				Applicant <div style="text-align: center;">Sang-Hoon Lee, <i>et al.</i></div>			
				Filing Date <div style="text-align: center;">Herewith</div>		Group Art Unit <div style="text-align: center;">Not yet assigned</div>	

U. S. Patent Documents							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,013,551	01/11/00	Chen, <i>et al.</i>	438	264	09/26/97
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
AR	
AS	
AT	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.